

**GHOST AGENTS FOR APPLICATION DOMAINS WITHIN A GRID  
ENVIRONMENT**

**ABSTRACT**

A method for evaluating system behavior of an application domain within a grid environment can include the step of identifying a host software object within the application domain. A software object can be associated with the host software object. Within the associated software object, host actions can be replicated. Replicated actions can be recorded. The host software object can move from one grid within the grid environment to a different grid. The associated software object can responsively move within the grid environment in accordance with movement of the host software object.